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WATER SUPPLY OUTLOOK FOR NEVADA



U.S. DEPT. OF AGRICULTURE
NATIONAL RECORDS

FEB 13 '76

U.S. DEPT. OF AGRICULTURE
NATIONAL RECORDS

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**NEVADA DEPARTMENT of CONSERVATION
and NATURAL RESOURCES
DIVISION of WATER RESOURCES**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
FEB. 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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ALL AVERAGES ARE FOR 1958-72 PERIOD

WATER SUPPLY OUTLOOK FOR NEVADA

UNUSUALLY LOW SNOWFALL OCCURRED DURING THE MONTH IN THE SIERRAS AND ALL BASINS IN NEVADA. THIS WILL CAUSE EXTREMELY LIMITED IRRIGATION SEASON WATER SUPPLIES FOR THOSE DIRECT DIVERSION WATER USERS.

THIS YEAR'S SNOWPACK IN THE SIERRAS IS ONE OF THE LOWEST ON RECORD AND IS NOW ABOUT 25 PERCENT OF NORMAL. THE NORTHEASTERN PART OF NEVADA HAS SNOWPACK RANGING FROM 85 PERCENT ON THE SNAKE RIVER TO 95 PERCENT ON THE UPPER HUMBOLDT.

RESERVOIR STORAGE IS EXCELLENT IN RYEPATCH AND WILDHORSE. LAKE TAHOE, BOCA AND STAMPEDE RESERVOIRS HAVE A COMBINED TOTAL OF 674,000 ACRE FEET COMPARED TO LAST YEAR'S 663,000 ACRE FEET. THIS IS 68 PERCENT OF TOTAL CAPACITY AND ABOVE AVERAGE. LAHONTAN RESERVOIR IS 113 PERCENT OF AVERAGE BUT LESS THAN LAST YEAR BY 21,000 ACRE FEET. TOPAZ AND BRIDGEPORT ARE 119 PERCENT OF AVERAGE.

This year's February 1 snowpack is one of the lowest on record in the Sierras. Measurements are similar to the low year of 1963. The Donner Summit snow course has only 4.7 inches of water compared to an average of 25.3. In 1963 there was no snow and only 7.5 inches in 1948. Other snow courses do not have the length of record that Donner Summit has but readings are near or below 1963. The warm temperatures are depleting the existing snowpack.

Snowpacks are 25 percent on the Walker, 26 percent on the Carson and 25 percent on the Tahoe-Truckee drainages.

Reservoir storage is above or near average on most reservoirs with Lake Tahoe containing 499,000 acre feet compared to an average 426,000 acre feet.

Even if above normal snowfall occurs during February and March the water supply outlook is not favorable. Those water users without reservoired water supplies will receive a limited water supply of short duration from their streamflow sources.

The northeastern part of the State has slightly below average snowpack ranging from 85 percent on the Snake, 92 percent on the Owyhee and 95 percent on the Ruby and East Humboldt Range. Much of this snowpack was accumulated in October when precipitation was much above average. Snowfall since that time, however, has been below normal. Slightly below average streamflow for the April 1 to June 31 period is forecast.

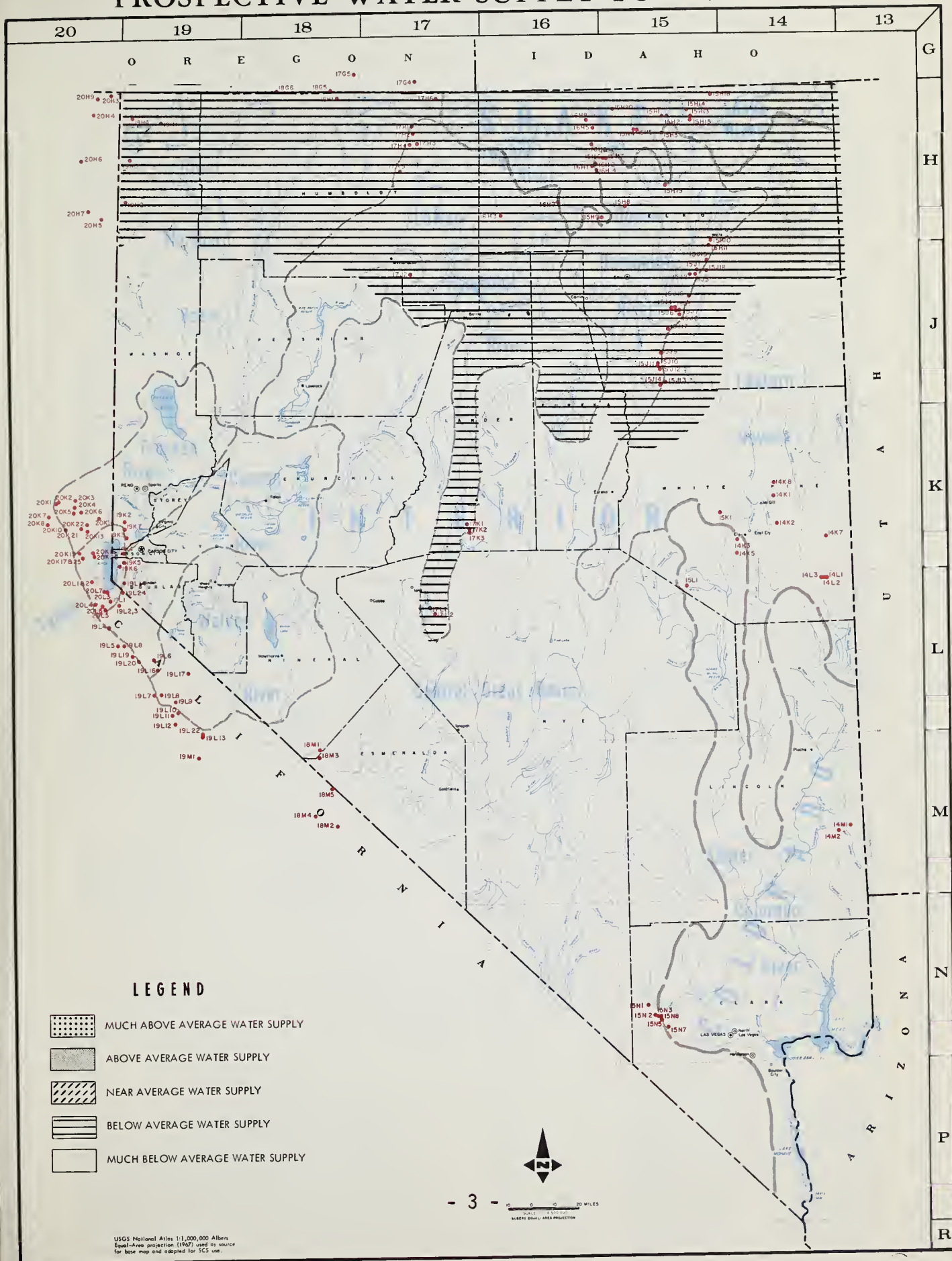
Reservoir storage in Wild Horse is excellent and now has 55,000 acre feet, three times of average and only 17,000 acre feet short of capacity. Rye Patch reservoir has 154,000 acre feet or 179 percent of average.

Snow course measurements in the Surprise Valley area indicate a snowpack of about 80 percent. Irrigation season streamflow will be below average if normal climatic conditions prevail.

Measurements in eastern Nevada in the Ely area indicate a below average snowpack, being about 65 percent. Streams in this area will flow below normal unless above average snowfall occurs during February and March.

Surveys in the central Nevada area indicate snowpacks near the March 1 readings. Surveys in this area have not been taken until March 1 in past years.

PROSPECTIVE WATER SUPPLY FOR NEVADA



(By Basins)

Refer to the map on the preceeding page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN					
SNAKE RIVER					
15H1M	Bear Creek	31	46N	58E	7800
15H2	Fox Creek	33	46N	58E	6800
15H13A	Goat Creek	31	46N	60E	6800
15H15A	Hummingbird Springs	6	45N	60E	8945
15H20A	Merritt Mountain	10	46N	54E	7000
15H14A	Pole Creek Ranger Station	13	46N	59E	8330
15H18A	Red Point	15	47N	61E	7940
15H3A	76 Creek	6	44N	58E	7100
15H19a	Stag Mountain	29	41N	58E	7800

OWYHEE RIVER

15HAMP	Big Bend	30	45N	56E	6700
16H6A	Columbia Basin	31	44N	53E	6650
16H8A	Fawn Creek	2	45N	52E	7000
15H5	Gold Creek	32	45N	56E	6600
16H1M	Jack Creek, Lower	18	42N	53E	6800
16H2A	Jack Creek, Upper	9	42N	53E	7250
16H4	Jacks Peak	28	42N	53E	8420
16H5	Laurel Draw	20	45N	53E	6700
17G4A	Louse Canyon (Oreg.)	27	40S	44E	6400
15H9MP	Taylor Canyon	35	39N	53E	6200

INTERIOR

UPPER HUMBOLDT RIVER

5J17a	American Beauty	32	31N	58E	7800
5J12a	Corral Canyon	27	28N	57E	8500
5J1MP	Gorsey Basin	28	35N	60E	8100
5J3	Ory Creek	5	34N	60E	6500
5H7	Fry Canyon	31	43N	54E	6700
5J9MP	Green Mountain	23	29N	57E	8000
5J10	Harrison Pass #1	9	28N	57E	6600
5J11	Harrison Pass #2	16	28N	57E	7400
5J4	Lamolle #1	15	32N	58E	7100
5J5	Lamolle #2	14	32N	58E	7200
5J6M	Lamolle #3	24	32N	58E	7700
5J7	Lamolle #4	19	32N	59E	8000
5J8P	Lamolle #5	31	32N	59E	8700
5J18a	Pole Canyon	31	35N	61E	9100
5J16a	Robinson Lake	23	33N	59E	9200
5H6MP	Roded Flat	36	43N	53E	6800
5J2	Ryan Ranch	1	34N	59E	5800
5H8	Tremewan Ranch	9	39N	55E	5700
5H10P	Trout Creek, Lower	28	37N	61E	6900
5H11a	Trout Creek, Upper	4	36N	61E	8500

LOWER HUMBOLDT RIVER

17K1	Big Creek Camp Ground	10	17N	43E	6600
17K2	Big Creek Mine	23	17N	43E	7600
17K3	Big Creek, Upper	26	17N	43E	7800
17H2	Buckskin, Lower	25	45N	39E	6700
17H1	Buckskin, Upper	11	45N	39E	8200
17L1	Corral, Lower	12	11N	40E	7500
17L2	Corral, Upper	20	11N	41E	8000
17J2	Goconda #2	22	35N	39E	6000
17H4	Grain Peak	24	44N	39E	7000
17H5	Lamance Creek	13	42N	38E	6000
17H3	Laramie Creek	18	44N	40E	6700
16H3AP	Midas	18	39N	46E	7200
16H7	Toe Jam a	29	40N	50E	7700

EASTERN NEVADA

14L1	Baker #1	29	13N	69E	7950
14L2	Baker #2	30	13N	69E	8950
14L3	Baker #3	25	13N	68E	9250
14K2	Berry Creek	26	17N	65E	9100
14K1	Bird Creek	34	19N	65E	7500
15J13	Cave Creek	25	27N	57E	7500
15J14	Hager Canyon	34	27N	57E	8000
15J15	Hoie-In-Mountain	6	35N	61E	7900
14K8	Kalamazoo Creek	34	20N	65E	7400
15K1	Murray Summit	22	16N	62E	8500
15K1	Robinson Summit	34	18N	61E	7600
14K7	Silver Creek #2	20	16N	69E	8900
14K5	Ward Mountain #2	25	15N	62E	8000

CENTRAL GREAT BASIN

18M2	Campo Mountain (Cal.)	19	55	35E	10200
18M5a	Chiatovich Flat	32	25	34E	10500
15N2	Clark Canyon	8	19S	56E	9000
18M1	Montgomery Pass	4	1N	33E	7100
18M3a	Pinchot Creek	28	1N	33E	9300
18M4a	Piute Pass (Cal.)	33	45	33E	11700
15N1	Trough Springs	23	18S	55E	8500

NORTHERN GREAT BASIN

19H1	Bald Mountain	17	45N	21E	6720
20H5	Barber Creek (Cal.)	23	39N	16E	6500
20H6	Cedar Pass (Cal.)	12	43N	14E	7100
18G6a	Denio Creek (Oreg.)	14	41S	34E	6000
18H1	Disaster Peak	8	47N	34E	6500
20H3a	Dismal Swamp (Cal.)	31	48N	17E	7000
20H7	Eagle Peak (Cal.)	35	40N	15E	7200
19H3	49-Mountain	7	42N	19E	6000
19H2	Hays Canyon	1	39N	18E	6400
19H4a	Little Baldy Mountain	8	45N	19E	6000
20H9	Mr. Bidwell	6	47N	15E	7200
17H5	Oregon Canyon (Oreg.)	4	40S	40E	7240
17H6a	Quinn Ridge	9	47N	41E	6300
20H4	Reservation Creek (Cal.)	12	46N	15E	5900
18G5a	Trout Creek (Oreg.)	10	41S	38E	7800

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
LAKE TAHOE					
20L65TZ	Echo Peak	35	12N	17E	7800
20L5	Echo Summit (Cal.)	6	11N	18E	7450
20L75tz	Fallen Leaf (Cal.)	36	13N	17E	6300
19L2	Freel Bench (Cal.)	36	12N	18E	7300
19K6	Glenbrook #2	13	14N	18E	6900
19L3M5Z	Hagans Meadow (Cal.)	36	12N	18E	8000
20L4	Lake Lucille (Cal.)	28	12N	17E	8200
19L4M5TZ	Maryette Lake	18	15N	19E	8000
20L3	Richardsons #2 (Cal.)	6	12N	18E	8100
20L1	Rubicon #1 (Cal.)	6	13N	17E	8100
20L2	Rubicon #2 (Cal.)	6	13N	17E	7500
20K16	Tahoe City (Cal.)	6	15N	17E	6250
20K26	Tahoe City Alt. (Cal.)	7	15N	17E	6300
20K27	Tahoe City Cross (Cal.)	1	15N	16E	6750
19L1	Upper Truckee (Cal.)	21	12N	18E	6400
20K17M	Ward Creek (Cal.)	21	15N	16E	7000
20K255TZ	Ward Creek #2 (Cal.)	21	15N	16E	6750

TRUCKEE RIVER

20K14	Boca #2 (Cal.)	28	18N	17E	5900
20K22	Brockway Summit (Cal.)	3	16E	16E	7100
20K21	Donner Park #2 (Cal.)	18	17N	16E	6000
20K10	Donner Summit (Cal.)	25	17N	14E	6900
20K7*	Fordeyce Lake (Cal.)	34	18N	13E	6500
20K8*	Furnace Flat (Cal.)	10	17N	13E	6700
20K4MSTPZ	Independence Camp (Cal.)	34	19N	15E	7000
20K3	Independence Creek (Cal.)	14	19N	15E	6500
20K5	Independence Lake (Cal.)	9	18N	15E	8450
19K3	Little Valley	17	16N	19E	6300
19K2	Mt. Rose	7	17N	19E	9000
19K7	Mt. Rose Ski Area	36	17N	19E	9000
20K6	Sagehen Creek (Cal.)	7	18N	16E	6750
20K19	Squaw Valley #2 (Cal.)	6	15N	16E	7500
20K13M	Truckee #2 (Cal.)	22	17N	16E	6400
20K2*	Webber Lake (Cal.)	29	19N	14E	7000
20K1*	Webber Peak (Cal.)	30	19N	14E	8000

CARSON RIVER

19L5	Blue Lakes (Cal.)	30	9N	19E	8000
19L4	Carson Pass, Upper (Cal.)	22	10N	18E	8600
19K5	Clear Creek	6	14N	19E	7300
19L19a	Ebbetts Pass (Cal.)	17	8N	20E	8700
19L16a	Fish Valley, Upper (Cal.)	1	7N	22E	8050
19L06a	Poison Flat (Cal.)	25	8N	21E	7900
19L18A5	Wet Meadows Lake (Cal.)	26	9N	19E	8100
19L20a	Wolf Creek (Cal.)	35	8N	20E	8000

WALKER RIVER

9L11	Buckeye Forks (Cal.)	20	4N	23E	8500
9L10	Buckeye Roughs (Cal.)	15	4N	23E	7900
9L12A	Center Mountain (Cal.)	4	3N	23E	9400
9L8	Leavitt Meadows (Cal.)	4	5N	22E	7200
9L17A	Loddell Lake (Cal.)	20	7N	24E	9200
9L7M	Sonora Pass (Cal.)	1	5N	21E	8800
9M1*	Tioga Pass (Cal.)	30	1N	25E	9900
9L13	Virginia Lakes (Cal.)	5	2N	25E	9500
9L22M5Z	Virginia Lakes Ridge	32	3N	25E	9200
9L9	Willow Flat (Cal.)	21	5N	23E	8250

COLORADO

LOWER COLORADO RIVER

15N5	Kyle Canyon	27	19S	56E	8200
15N3	Lee Canyon #2	9	19S	56E	9200
15N8	Lee Canyon #3	10	19S	56E	8500
14M1	Mathew Canyon	10	65	70E	6000
14M2	Pine Canyon	23	65	69E	6200
15N7	Rainbow Canyon #2	6	20S	57E	8100
15L1	White River #1	31	13N	59E	7400

LEGEND

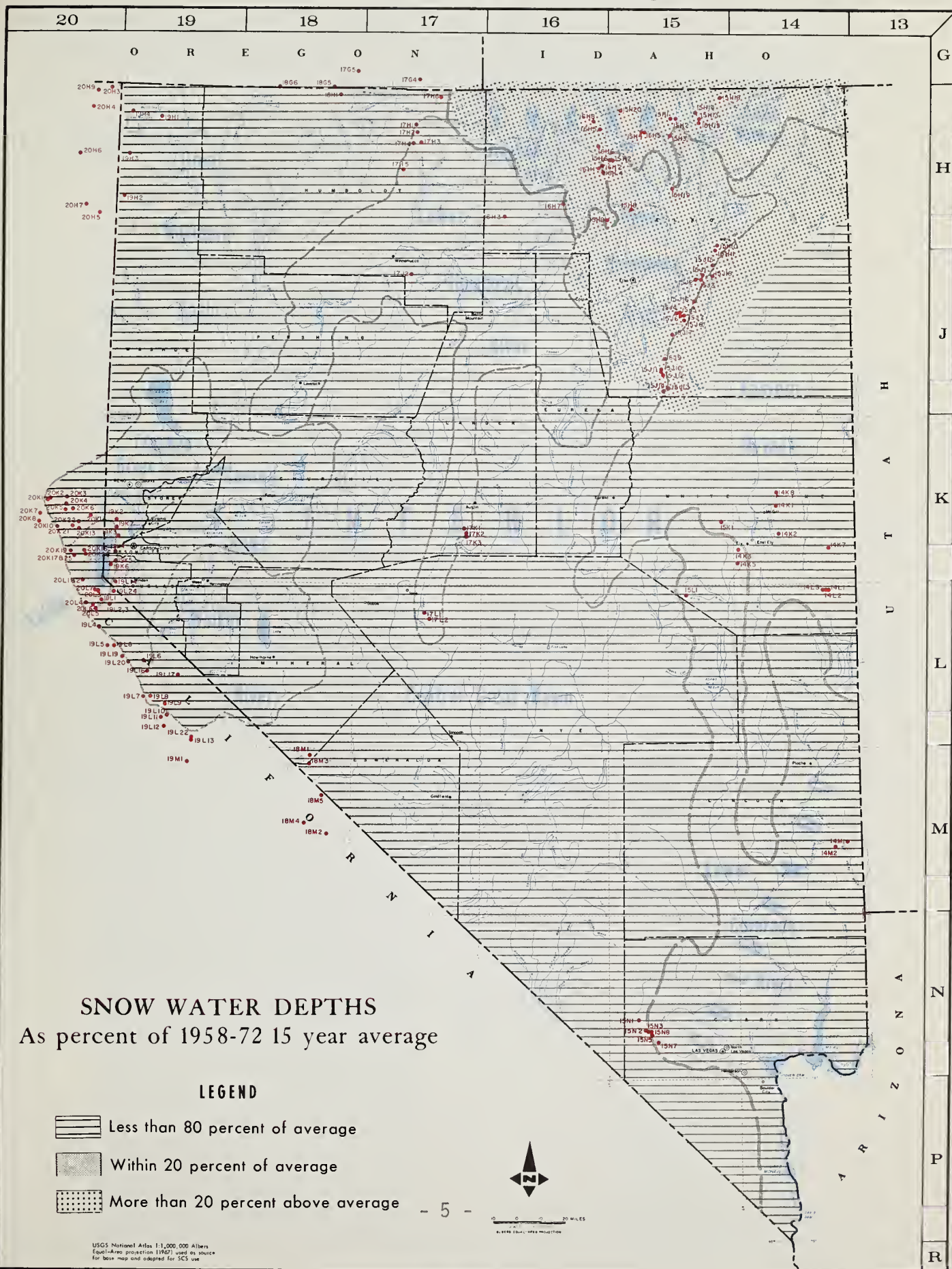
NUMBERING SYSTEM (EXAMPLE)

19K4	<i>Snow Course Only</i>
19K45	<i>Snow Course and Snow Pillow</i>
19K4M	<i>Snow Course and Soil Moisture</i>
19K4A	<i>Snow Course and Aerial Marker</i>
19K4P	<i>Snow Course and Storage Precipitation Gage</i>
19K4MA	<i>Snow Course, Soil Moisture and Aerial Marker</i>
19K4MP	<i>Snow Course, Soil Moisture and Precipitation Gage</i>
19K4STZ	<i>Snow Course, Snow Pillow and Temperature Telemetered.</i>

Lower case letters m, a, p, s, t, z, indicate no snow course, only a Soil Moisture Station, Aerial Marker, Storage Precipitation Gage, Snow Pillow, Temperature, or Radio Telemetered.

*Located on adjacent watershed

SNOW WATER DEPTHS



STREAMFLOW FORECASTS (Thousand Acre Feet) as of: February 1, 1976

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1958-72 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average †
Owyhee River near Gold Creek, NV <u>1/</u>	April-July	15	83	18
Owyhee River near Owyhee, NV <u>1/</u>	April-July	58	85	68
Humboldt River at Palisade, NV	April-July	170	88	193
West Walker below Little Walker River near Coleville, CA	April-July	100	69	145

1/ Corrected for storage

+ 1958-1972 period.

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Peak flow forecasts not issued until March 1, 1976.		

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Low flow forecast not issued until March 1, 1976.			

SOIL MOISTURE MEASUREMENTS

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average †
<u>OWYHEE-HUMBOLDT BASIN</u>					
Big Bend	48	16.7	1/26/76	16.1	14.6*
Rodeo Flat	42	11.0	1/26/76	7.2	8.9*
Taylor Canyon	48	15.1	1/26/76	10.3	11.9*
<u>TAHOE-TRUCKEE BASIN</u>					
Independence Camp	34	6.1	1/26/76	2.7	4.0*
Marlette Lake	50	3.7	1/26/76	1.2	2.7*
<u>WALKER BASIN</u>					
Sonora Pass	48	8.3	1/23/76	2.3	7.3*
Virginia Lakes Ridge	40	5.0	1/23/76	1.6	2.0*
* Adjusted average					

† 1958-1972 period.

RESERVOIR STORAGE (Thousand Acre Feet) as of February 1, 1976

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Owyhee	Wild Horse	72	55	51	17
Lower Humboldt	Rye Patch	157	154	100	86
Colorado	Mohave	1,810	1,616	1,597	1,669
Colorado	Mead	26,159	20,265	19,973	17,321
Tahoe	Tahoe	732	499	460	426
Truckee	Boca	41	28	31	10
Truckee	Stampede	220	147	172	**
Truckee	Prosser***	30	9	8	8*
Carson	Lahontan	291	205	226	182
West Walker	Topaz	59	41	35	34
East Walker	Bridgeport	42	33	33	28

* 10-year average

** Storage began August 1, 1969.

*** Flood control use allocation of 20,000 acre-feet between November 1 and April 10.

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	1,037	961	718
January 1	1,005	900	714
February 1		936	782
March 1		1,040	843
April 1		1,134	893
May 1		1,117	934
Total Usable Capacity	1,394		

† 1958-1972 period.

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet.

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>LAKE TAHOE-TRUCKEE RIVER</u>						
Boca #2	5,900	2/1/76	1	0.1	4.3	5.2
Brockway Summit	7,100	1/29/76	0	0.0	6.9	15.0*
Castle Creek	7,400	1/30/76	30	9.2	21.7	33.1
Clear Creek	7,300	1/27/76	9	1.9	-	-
Donner Park #2	6,000	2/1/76	11	2.5	8.0**	12.1*
Donner Summit***	6,900	1/26/76	17	4.7	16.6	25.3*
Echo Peak	7,800	1/26/76	14	3.6	-	-
Echo Summit	7,450	1/29/76	20	6.0	9.2	23.8
Fordyce Lake	6,500	1/26/76	26	7.4	19.4	21.2*
Freel Bench	7,300	1/23/76	6	1.6	5.0	9.3*
Furnace Flat***	6,700	1/26/76	33	9.4	21.0	26.2*
Glenbrook #2	6,900	1/30/76	8	2.0	5.1	8.0
Hagans Meadow	8,000	1/23/76	7	2.3	8.6	12.9
Heavenly Valley	8,800	1/23/76	22	6.2	14.9	-
Independence Camp	7,000	1/26/76	14	3.4	8.4	17.1
Independence Creek	6,500	1/26/76	7	1.4	4.1	-
Independence Lake	8,450	1/26/76	33	10.5	16.3	-
Little Valley	6,300	1/27/76	3	0.7	-	-
Marlette Lake	8,000	1/26/76	15	3.3	12.3	13.6
Mount Rose	9,000	1/26/76	19	5.6	-	-
Mount Rose Ski Area	8,850	1/26/76	33	10.1	-	-
Richardsons #2	6,500	1/29/76	16	4.7	6.7	11.4
Sage Hen Creek	6,500	1/26/76	12	2.5	5.5	12.6
Squaw Valley #2	7,500	1/26/76	38	12.4	20.1	33.8
Tahoe City	6,250	1/29/76	0	0.0	5.7	8.2*
Tahoe City Alternate	6,250	1/29/76	0	0.0	4.3	-
Tahoe City Cross	6,750	1/29/76	1	0.2	9.3	-
Truckee #2	6,400	1/30/76	4	0.9	4.6	10.8
Truckee, Upper	6,400	1/23/76	6	2.0	3.1	7.8
Ward Creek #2	7,000	1/26/76	24	7.8	18.4	26.8
Ward Creek #3	6,750	1/26/76	28	7.4	16.2	-
<u>CARSON RIVER</u>						
Blue Lakes***	8,000	1/21/76	23	6.1	-	-
Carson Pass, Upper	8,600	1/28/76	17	6.1	15.3	22.1
Ebbetts Pass AM	8,700	1/23/76	24	7.4a	11.2	22.5
Ebbetts Pass #2	8,700	1/23/76	30	9.4	19.5	-
Fish Lake Valley, Upper AM	8,050	1/23/76	0	0.0a	6.2	10.4*
Poison Flat	7,900	1/23/76	8	2.3	7.3	10.4*
Wet Meadows Lake AM	8,050	1/23/76	12	3.5a	11.2	18.7*
Wet Meadows #2	8,050	1/23/76	22	6.5	16.2	-
Wolf Creek AM	8,000	1/23/76	7	2.0a	8.4	23.1*
* Adjusted Average ** Estimate *** Adjacent Basin						

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>SNAKE RIVER</u>						
Bear Creek	7,800	1/31/76	36	11.6a	-	13.1
Goat Creek	8,800	1/28/76	34	9.8	11.4	10.0
Hummingbird Springs AM	8,945	1/31/76	41	12.7a	-	14.9
Merritt Mountain AM	7,000	1/27/76	15	4.2a	5.8	3.9*
Pole Creek Ranger Station	8,330	1/28/76	43	13.4	16.2	12.3
Red Point AM	7,940	1/31/76	9	2.7	-	5.9*
76 Creek AM	7,100	1/31/76	24	5.8a	8.0	7.6
Stag Mountain AM	7,700	1/27/76	5	1.2a	5.4	3.2*
<u>OWYHEE RIVER</u>						
Big Bend	6,700	1/26/76	20	4.8	8.2	5.7
Columbia Basin AM	6,650	1/27/76	27	7.6a	7.0	6.8*
Fawn Creek AM	7,000	1/27/76	16	4.0a	5.2	10.4*
Gold Creek	6,600	1/26/76	15	3.8	5.8	3.8
Jack Creek, Lower	6,800	1/26/76	13	3.3	-	-
Jack Creek, Upper	7,250	1/26/76	21	6.0	7.2	4.7
Jacks Peak	8,420	1/26/76	47	15.4	-	-
Taylor Canyon	6,200	1/26/76	9	1.7	6.4	3.6
<u>UPPER HUMBOLDT RIVER</u>						
American Beauty AM	7,800	1/27/76	18	5.9a	9.0	5.6*
Corral Canyon AM	8,500	1/27/67	18	4.5a	3.6	6.2*
Dorsey Basin	8,100	1/27/76	30	9.4	-	-
Fry Canyon	6,700	1/26/76	18	4.9	8.0	4.9
Lamoille #1	7,100	1/27/76	23	5.0	8.9	5.8
Lamoille #3	7,700	1/27/76	22	5.8	11.0	7.6
Lamoille #5	8,700	1/27/76	51	18.3	17.6	16.5*
Pole Canyon AM	9,140		NR		-	4.8*
Robinson Lake AM	9,200	1/27/76	75	22.5a	25.7	15.7*
Rodeo Flat	6,800	1/26/76	15	4.6	8.2	3.9
Tremewan Ranch	5,700	1/26/76	4	0.7	1.0	1.2
Trout Creek, Upper AM	8,500	1/27/76	29	8.7a	6.3	10.2
Tent Mountain, 7,000' AM	7,000	1/27/76	27	5.7a	-	-
Tent Mountain, 8,350' AM	8,350	1/27/76	52	16.1a	-	-
<u>EASTERN NEVADA</u>						
Baker #1	7,950	1/27/76	11	1.8	3.7	-
Baker #2	8,950	1/27/76	18	4.3	-	-
Baker #3 AM	9,250	2/2/76	22	5.5a	9.2	8.3*
Kalamazoo Creek	7,400	1/29/76	10	2.5a	3.6	-
Mt. Defiance AM	9,400	2/2/76	34	8.8a	13.2	-
Murray Summit	7,250	1/30/76	0	0.0	-	-
Robinson Summit	7,600	1/30/76	0	0.0	-	-
Silver Creek #2 AM	8,000	2/2/76	8	2.2a	2.8	4.5*
Ward Mountain AM	8,900	2/2/76	8	2.2a	6.5	4.7*

† 1958-1972 period.

SNOW COURSE MEASUREMENTS

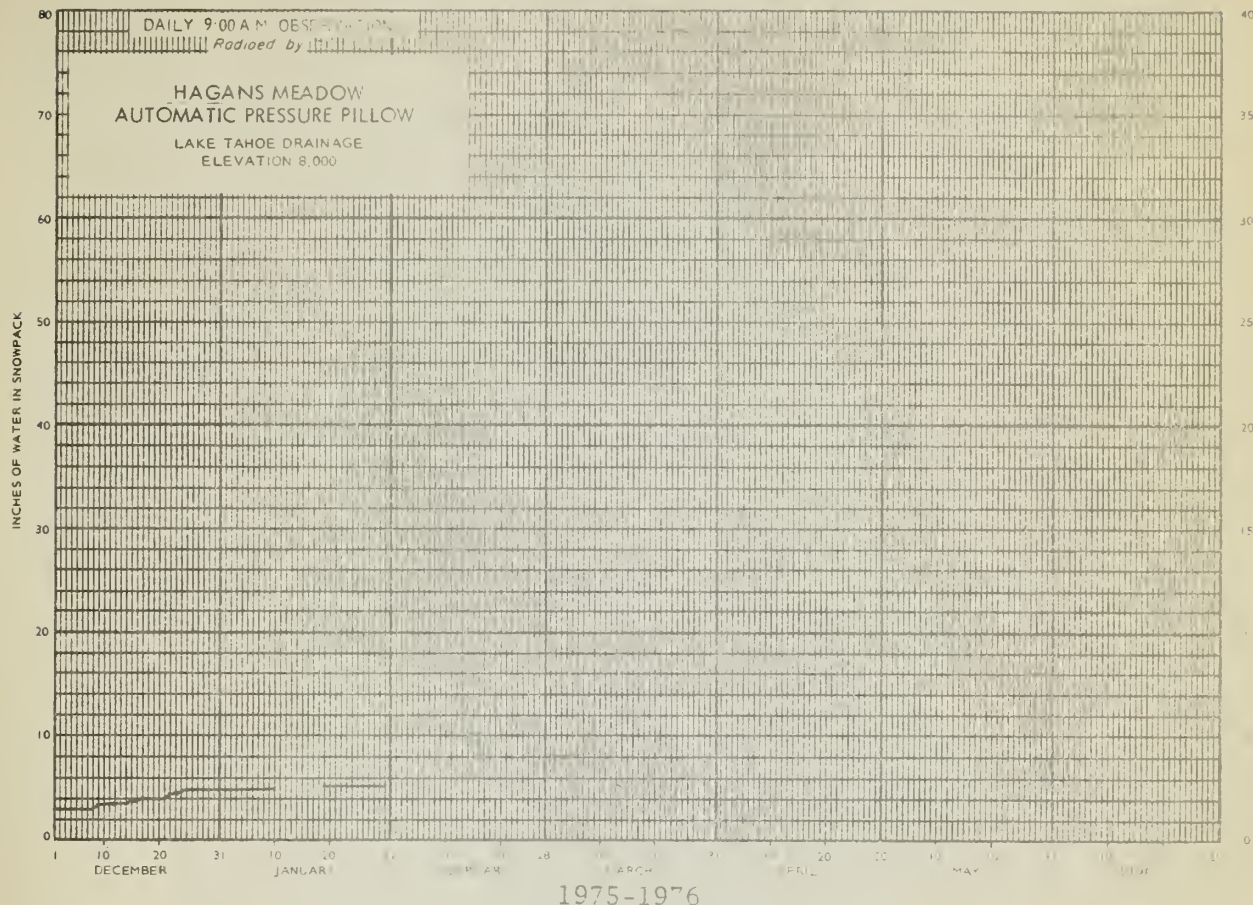
DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>WALKER RIVER</u>						
Center Mountain	9,400	1/23/76	27	7.9	14.9	22.0*
Leavitt Meadow	7,200	1/23/76	0	0.0	-	-
Lobdell Lake	9,200	1/23/76	4	1.0	6.2	12.3*
Sawmill Ridge	8,750	1/23/76	5	1.2	-	-
Sonora Pass	8,800	1/23/76	9	2.7	11.4	15.8
Tioga Pass	9,900	1/29/76	16	5.2	10.2	16.3
Virginia Lakes	9,500	1/23/76	2	0.5	5.4	10.6
Virginia Lakes Ridge	9,200	1/23/76	7	1.9	6.9	-
Willow Flat	8,250	1/23/76	1	0.1	5.2	-
<u>CENTRAL GREAT BASIN</u>						
Campito Mountain	10,200	NR	-	-	0.0	3.4*
Chiatovich Flat AM	10,500	1/29/76	0	0	0.5	1.8*
Montgomery Pass	7,100	1/26/76	0	0	0.2	1.0
Pinchot Creek AM	9,300	1/23/76	0	0	0.1	0.2*
Piute Pass AM	11,700	1/28/76	0	0	0.5	2.1*
<u>NORTHERN GREAT BASIN</u>						
Bald Mountain AM	6,720	1/26/76	4	1.0a	-	-
Barber Creek	6,500	1/26/76	21	4.8	10.7	7.9
Cedar Pass	7,100	1/23/76	32	10.0	13.5	10.6*
Denio Creek AM	6,000	1/19/76	T	Ta	1.0	0.6*
Dismal Swamp AM	7,000	1/26/76	38	11.4a	13.4	10.1
49 Mountain	6,000	1/30/76	6	1.6	2.6	3.1
Hays Canyon	6,400	1/26/76	5	1.5	3.2	2.8
Little Bally Mountain AM	6,000	1/26/76	9	2.2a	3.1	2.0*
Louse Canyon AM	6,440	1/19/76	3	0.6a	8.0	2.2*
Oregon Canyon AM	7,240	1/26/76	12	3.4a	3.8	3.5*
Quinn Rigde AM	6,300	1/19/76	4	1.0a	3.8	1.4*
Reservation Creek	5,900	1/30/76	23	6.9	9.7	8.0
Trout Creek AM	7,800	1/26/76	17	4.8a	7.7	3.9*
<u>LOWER COLORADO RIVER</u>						
Mathew Canyon	6,000	1/27/76	0	0.0	0.5	1.7
Pine Canyon	6,200	1/27/76	1	0.1	1.7	2.2*
<u>LOWER HUMBOLDT RIVER</u>						
Big Creek Mine	7,600	1/28/76	17	3.9	-	-
Big Creek Campground	6,600	1/28/76	12	2.5	-	-
Big Creek, Upper	7,800	1/28/76	9	4.4	-	-
Midas AM	7,200	1/27/76	0	0.0a	0.0	2.4a
Toe Jam AM	7,700	1/27/76	18	4.9a	7.2	6.4*

+ 1958-1972 period.

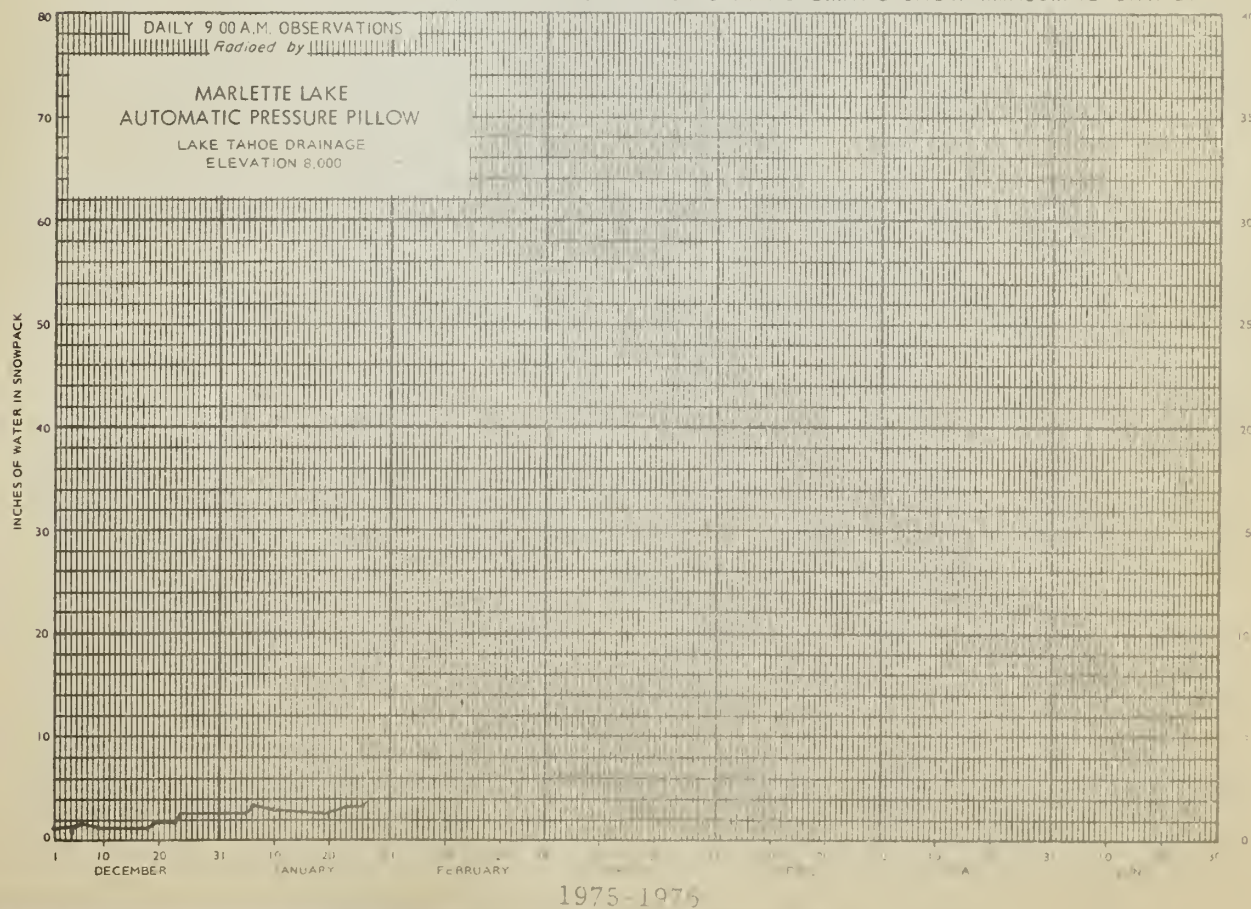
PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>LAKE TAHOE-TRUCKEE</u>							
Fallen Leaf	6240	2/1/76	-	-	11.1	-	-
Independence Camp	7000	1/26/76	1.2	-	9.7	-	-
Independence Creek	6500	1/26/76	1.4	-	2.4	-	-
Marlette Lake	8000	1/26/76	1.0	-	7.2	-	-
Mount Rose	9000	1/26/76	-	-	8.0	-	-
Tahoe City Cross	6750	1/29/76	1.4	-	5.8	-	-
Truckee #2	6400	1/30/76	-	-	2.4	-	-
Ward Creek #3	6750	1/26/76	1.4	-	18.6	-	-
<u>CARSON RIVER</u>							
Ebbetts Pass	8700	1/23/76	2.4	-	13.8	-	-
Poison Flat	7900	1/23/76	1.2	-	7.6	-	-
Wet Meadows	8050	1/23/76	1.6	-	6.6	-	-
<u>WALKER RIVER</u>							
Sonora Pass	8800	1/23/76	.5	-	9.1	-	-
<u>HUMBOLDT RIVER</u>							
Rodeo Flat	6800	1/26/76	-	1.9*	11.0	8.2*	134
<u>OWYHEE RIVER</u>							
Big Bend	6700	1/26/76	-	2.5*	8.5	8.6*	99
Taylor Canyon	6200	1/26/76	-	1.2*	7.0	6.5*	108
*Average of Available Data							

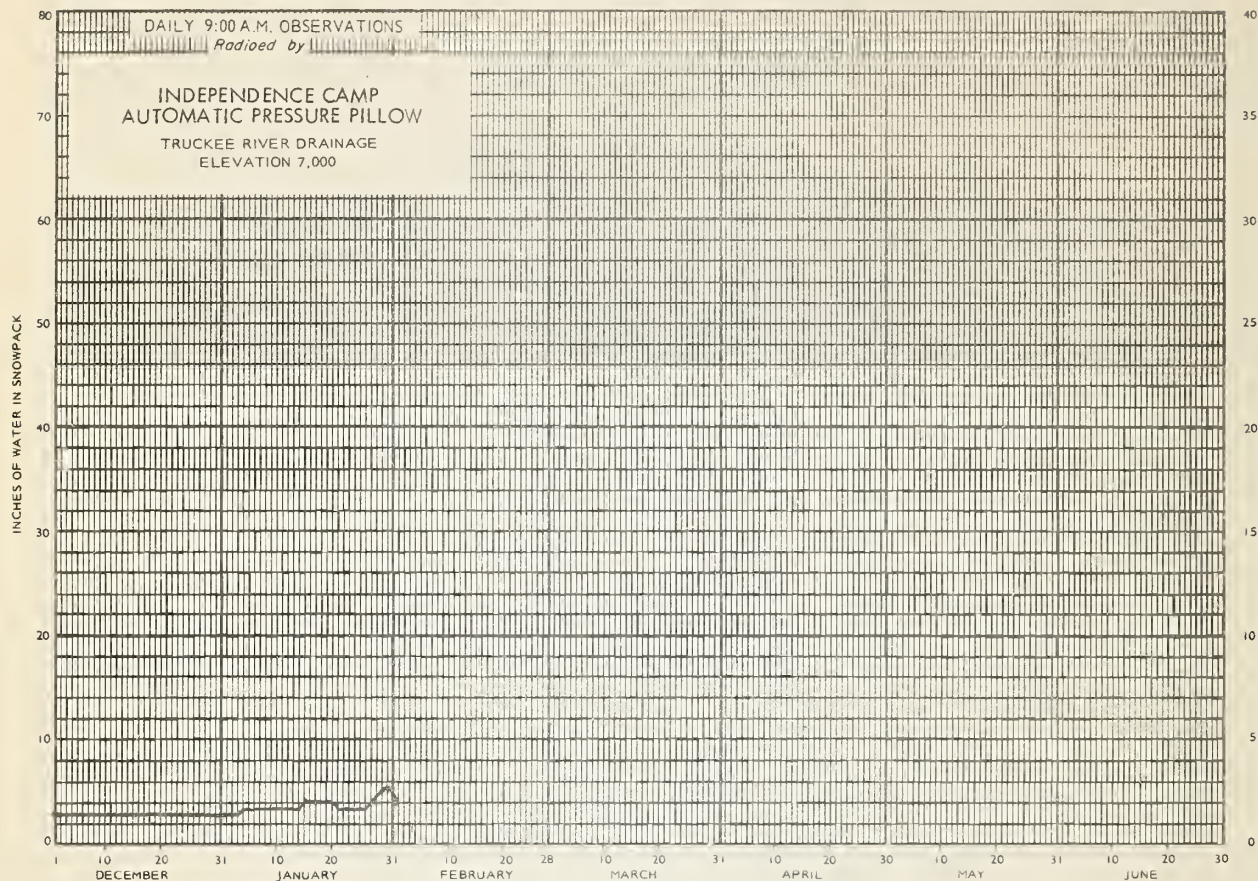
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U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION

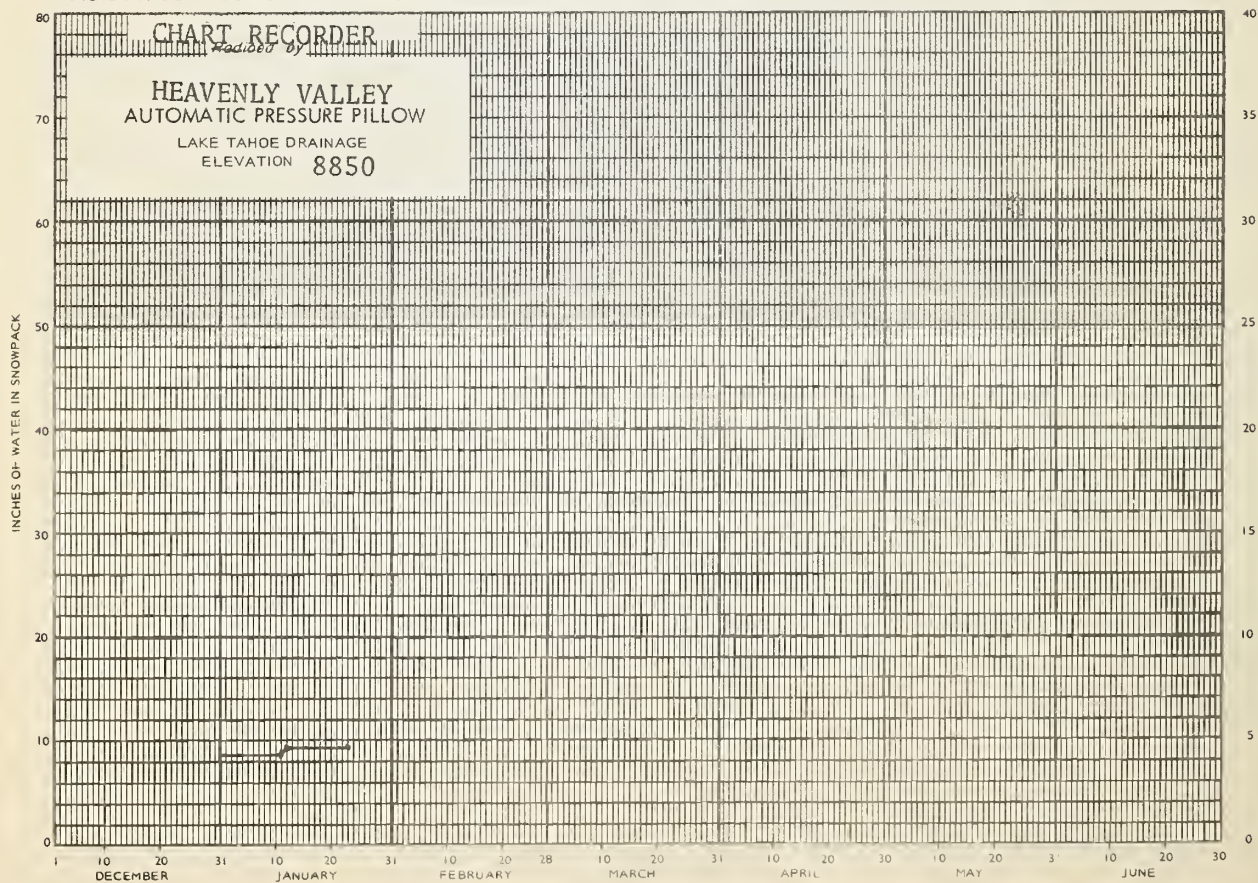


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1975-1976

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1975-1976

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Agricultural Research Service
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Navy
- Soil Conservation Service
- U. S. District Court - Federal Water Master
- NOAA, National Weather Service

STATE

- California Cooperative Snow Surveys
- California Department of Parks and Recreation
- California Department of Water Resources
- Colorado River Commission of Nevada
- Idaho Cooperative Snow Surveys
- Nevada Association of Conservation Districts
- Nevada Department of Conservation & Natural Resources
 - Division of Water Resources
 - Nevada State Forester
- Oregon Cooperative Snow Surveys
- Utah Cooperative Snow Surveys
- White Mountain Research Station, Univ. of California

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas and Electric Company
- Pershing County Water Conservation District
- Sierra Pacific Power Company
- Truckee-Carson Irrigation District
- Walker River Irrigation District
- Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

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